

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE EAST BOUNDARY,
AND
A PORTION OF THE SUBDIVISIONAL LINES,
AND THE
SUBDIVISION OF SECTION 25,
TOWNSHIP 30 NORTH, RANGE 86 WEST,
OF THE SIXTH PRINCIPAL MERIDIAN,
IN THE STATE OF WYOMING.

EXECUTED BY

LYNN A. FORBES

CADASTRAL SURVEYOR

Under Special Instructions dated JUNE, 14 1999, approved JUNE 14, 1999, which provided for the surveys included under Group Number 664, and assignment instructions dated JUNE 14, 1999.

Survey commenced JUNE 23, 1999

Survey completed JULY 6, 1999

INDEX DIAGRAM

Township 30 North, Range 86 West

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T. 30 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS

The following field notes are those of the dependent resurvey of a portion of the east boundary, and a portion of the subdivisional lines, and the subdivision of section 25, Township 30 North, Range 86 West, Sixth Principal Meridian, Wyoming.

William O. Downey and Mortimer N. Grant surveyed the east boundary in 1881. William O. Owen retraced the exterior boundaries and surveyed the subdivisional lines in 1882. Anthony C. Kimmell dependently resurveyed the exterior boundaries and subdivisional lines in 1940. The Bureau of Biological Survey performed an unofficial administrative survey of the Pathfinder Wildlife refuge in 1934. This survey was never recorded with the General Land Office.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 664, Wyoming, dated June 14, 1999.

Preliminary to the resurvey, the lines of the previous surveys were retraced and diligent search was made for all corners and other calls of the field note record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based on the latest official record, but only after exhausting every possibility of finding direct evidence of such corners. The retracement data was thoroughly verified and only true line field notes are given herein, which refer to the completed survey.

The survey was executed with a Global Positioning System (GPS) TRIMBLE Model 4000 receiver and by chaining methods. The instruments were maintained in proper adjustment at all times. The direction of all lines refer to the true meridian. All directions, distances and geographic positions were determined by GPS.

The geographic position of the corner of sections 25, 30, 31 and 36 on the east boundary of the Township, based on NAD 83 (1993) and determined by GPS, is:

Latitude 43° 32' 06.09" N., Longitude 107° 04' 24.47" W.

The magnetic declination is 12° E.

Dependent Resurvey, Portion of the East Boundary,
T. 30 N., R. 86 W., Sixth Principal, Meridian, Wyoming

CHAINS

(Restoring the survey executed by
Anthony C. Kimmell in 1940)

Beginning at the cor. of secs. 25, 30, 31 and 36, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd.

T30N
R86W R85W
S 25 | S 30

S 36 | S 31
1940

N. 0° 01' W., bet. secs. 25 and 30.

Over gently rolling terrain.

- 20.12 The S. 1/16 sec. cor. of secs. 25 and 30, established by Biological Survey, monumented with a concrete post, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.

105
T30N
R86W R85W
25 | 30
S 1/16 |
R86W R85W
1934

This position is accepted as a careful and faithful determination of the cor. position.

Cor. is located at cor. of fences extending N. and E.

N. 0° 01' W., beginning new measurement.

Over gently rolling terrain, along fence.

- 20.12 The 1/4 sec. cor. of secs. 25 and 30, monumented with an iron post, 1 in. diam., firmly set flush with the surface of the ground, with brass cap mkd.

1/4
S 25 | S 30
1940

Dependent Resurvey, Portion of the East Boundary,
T. 30 N., R. 86 W., Sixth Principal, Meridian, Wyoming

CHAINS	<p>Cor. is located at cor. of fences extending S. and W.</p> <hr/> <p>N. 0° 01' W., beginning new measurement.</p> <p>Over gently rolling terrain.</p> <p>10.00 S. shore of Steamboat Lake, bears E. and W.</p> <p>32.00 N. shore of Steamboat Lake, bears SE. and NW.</p> <p>39.62 The cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T30N</p> <p>R86W R85W</p> <table> <tr> <td>S 24</td><td>S 19</td></tr> <tr> <td>S 25</td><td>S 30</td></tr> </table> <p>1940</p> </div> <p>Cor. is located at intersection of fences extending N., E. and W.</p> <hr/> <p>Dependent Resurvey, Portion of the Subdivisional Lines, T. 30 N., R. 86 W., Sixth Principal Meridian, Wyoming</p> <hr/> <p>(Restoring the survey executed by Anthony C. Kimmell in 1940)</p> <hr/> <p>From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp.</p> <p>S. 89° 47' W., bet. secs. 24 and 25.</p> <p>Over gently rolling terrain.</p> <p>40.01 Point for the 1/4 sec. cor. of secs. 24 and 25, at proportionate distance by the method of irregular boundary adjustment; there is no remaining evidence of the 1940 resurvey monument.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., flush with the surface of the ground, with brass cap mkd.</p>	S 24	S 19	S 25	S 30
S 24	S 19				
S 25	S 30				

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 30 N., R. 86 W., Sixth Principal Meridian, Wyoming

CHAINS	<div data-bbox="868 310 1023 464" data-label="Text"> <p>T30N R86W S 24 1/4 ——— S 25 1999</p> </div> <div data-bbox="407 499 1365 590" data-label="Text"> <p>Cor. is located 45 lks. S. of Wyoming State Highway No. 220, extending ENE. and WSW., and 30 lks. N. of cor. of fences extending E., S. and W.</p> </div> <hr/> <div data-bbox="407 659 1062 688" data-label="Text"> <p>N. 89° 12' W., beginning new measurement.</p> </div> <div data-bbox="407 722 854 751" data-label="Text"> <p>Over gently rolling terrain.</p> </div> <div data-bbox="293 785 1187 814" data-label="Text"> <p>0.50 Wyoming State Highway No. 220 bears ENE. and WSW.</p> </div> <div data-bbox="293 848 1466 940" data-label="Text"> <p>39.97 The cor. of secs. 23, 24, 25 and 26, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd.</p> </div> <div data-bbox="868 982 1018 1129" data-label="Text"> <p>T30N R86W S 23 S 24 ——— S 26 S 25 1940</p> </div> <hr/> <div data-bbox="518 1199 1365 1262" data-label="Section-Header"> <p>Subdivision of Section 25, T. 30 N., R. 86 W., Sixth Principal Meridian, Wyoming</p> </div> <hr/> <div data-bbox="402 1325 1414 1417" data-label="Text"> <p>From the 1/4 sec. cor. of secs. 25, and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd.</p> </div> <div data-bbox="862 1457 1016 1610" data-label="Text"> <p>T30N R86W S 25 1/4 ——— S 36 1940</p> </div> <div data-bbox="396 1646 1265 1675" data-label="Text"> <p>N. 0° 04' W., on the N. and S. center line of sec. 25.</p> </div> <div data-bbox="396 1709 849 1738" data-label="Text"> <p>Over gently rolling terrain.</p> </div> <div data-bbox="285 1772 1455 1864" data-label="Text"> <p>40.05 The center 1/4 sec. cor. of sec. 25, established by Biological Survey, monumented with a concrete post, 2 ins. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd.</p> </div>
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Subdivision of Section 25,
T. 30 N., R 86 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<div data-bbox="857 310 1040 594" data-label="Diagram"> </div> <p data-bbox="410 632 1453 688">This position is accepted as a careful and faithful determination of the cor. position.</p> <p data-bbox="410 726 1143 753">Reset the concrete post 12 ins. in the ground.</p> <hr data-bbox="708 783 1187 787"/> <p data-bbox="410 821 935 848">NORTH, beginning new measurement.</p> <p data-bbox="410 886 854 913">Over gently rolling terrain.</p> <p data-bbox="293 951 902 978">19.64 Thence along fence extending N.</p> <p data-bbox="293 1016 997 1043">39.27 The 1/4 sec. cor. of secs. 24 and 25.</p> <hr data-bbox="410 1073 1430 1077"/> <p data-bbox="410 1110 1430 1167">From the 1/4 sec. cor. of secs. 25 and 30, on the E. bdy. of the Tp.</p> <p data-bbox="410 1205 1284 1232">N. 89° 42' W., on the E. and W. center line of sec. 25.</p> <p data-bbox="410 1270 1060 1297">Over gently rolling terrain, along fence.</p> <p data-bbox="293 1335 1203 1362">20.01 Point for the center E. 1/16 sec. cor. of sec. 25.</p> <p data-bbox="410 1400 1382 1457">Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div data-bbox="857 1495 1024 1646" data-label="Diagram"> </div> <p data-bbox="410 1684 1203 1711">Cor. is located at terminus of fence extending E.</p> <hr data-bbox="708 1740 1182 1745"/> <p data-bbox="410 1782 1040 1810">N. 89° 43' W., beginning new measurment.</p> <p data-bbox="410 1848 849 1875">Over gently rolling terrain.</p>

Subdivision of Section 25,
T. 30 N., R 86 W., Sixth Principal Meridian, Wyoming

CHAINS	
20.01	<p>The center 1/4 sec. cor. of sec. 25.</p> <hr style="width: 30%; margin-left: 10%;"/> <p>N. 89° 34' W., beginning new measurement.</p> <p>Over gently rolling terrain.</p>
40.05	<p>The 1/4 sec. cor. of secs. 25 and 26, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center; margin-top: 20px;"> $\frac{1}{4}$ S 26 S 25 1940 </div> <hr style="width: 60%; margin-left: 10%;"/>
	<p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area encompassed by this survey is situated in the southern portion of Natrona County, approximately 48 miles southwest of Casper, Wyoming. The terrain is gently rolling with an elevation of about 5,900 feet above sea level. The soil is primarily sandy with vegetaion consisting of native grasses and sagebrush.</p> <p>Drainage of the area is southeasterly into Steamboat Lake, which lies partially in the NE¼ of section 25.</p> <p>Access is provided by Wyoming State Highway No. 220, and by numerous trails in the area. The area is uninhabited and there was no evidence of mineral activity in the area at the time of the survey.</p>


[illegible]

CERTIFICATE OF SURVEY

I, Lynn A. Forbes, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of June, 1999, I have dependently resurveyed a portion of the east boundary, and a portion of the subdivisional lines, and subdivided section 25, Township 30 North, Range 86 West, of the Sixth Principal Meridian, in the State of Wyoming, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

NOV 14 2002

(Date)


(Cadastral Surveyor)

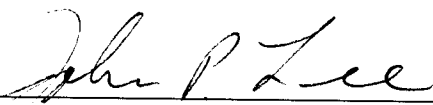
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Cheyenne, Wyoming

The foregoing field notes of the dependent resurvey of a portion of the east boundary, and a portion of the subdivisional lines, and the subdivision of section 25, Township 30 North, Range 86 West, Sixth Principal Meridian, Wyoming, executed by Lynn A. Forbes, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

NOV 14 2002

(Date)


(Signature of Authorized Officer)